
Subject: Database for PV-WAVE

Posted by [oroper](#) on Tue, 02 Mar 1993 15:12:32 GMT

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We are considering implementing a system to better display, both on screen and hard copy, a vast amount of meteorological and oceanographic data collected over many years and stored in a variety, almost whimsical, binary formats. The data has been collected from a variety of instruments, Datowell directional waveriders, Seatex waveriders and various current meters and met stations. PV-WAVE, and especially since its marriage with IMSL, seems a good choice in my limited opinion but what concerns me is the amount of effort that will be needed before it (PV-WAVE) can access our databases. My first queries:-

Can PV-WAVE work with any database format, i.e. can I describe the format of one of our databases to PV-WAVE?

Does PV-WAVE have its own database and if so can it import from standard (sic) database formats like Dbase4, Paradox, even, say a Lotus 1-2-3 wk1 or wk3 file?

If PV-WAVE does have its own database style, does it supply a library of calls that I can use in any future software I develop?

A second query:-

I am setting up a system based around a SUN sparcs server 10 (model 52) running Solaris 2.1 with perhaps as many as 5 X-terminals. Does this sound reasonable considering running PV-WAVE will be its only function?

I'd welcome any comments even approaches from PV-WAVE personnel to better enlighten me.

Thanks in anticipation

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